

# PHILIPS

## SpeechMike

### Premium Air

#### Wireless Dictation Microphone

Wireless

Lossless speech technology

Precision microphone

Touch sensor



SMP4000



## Desktop dictation goes mobile

with patented lossless speech technology

The SpeechMike Premium has reached its highest stage of evolution. Benefit from all advantages of the industry leading dictation microphone, without the constraints of a cable. Record your voice using a premium decoupled studio-quality microphone with a built-in noise reduction filter and achieve exceptional speech recognition results. Thanks to the revolutionary patented lossless speech technology, the SpeechMike Premium Air offers maximum mobility without any compromises. The device achieves the same high speech recognition performance as the standard SpeechMike Premium with a cable.

#### Exceptional recording results

- Studio-quality microphone for best-in-class speech recognition results
- Decoupled free-floating microphone for precise recordings without background noise
- Integrated motion sensor mutes microphone when not in use

#### Wireless for maximum mobility

- Patented 100% lossless speech technology for smooth wireless voice recording
- Superior docking station for high-speed wireless charging and smart pairing
- Long-lasting battery for up to 24 hours of reliable recording time

#### Designed for convenience

- Freely configurable buttons and modes for a personalized device
- Wear-free slide switch and push buttons for comfortable operation
- Hygienic surface for easy disinfection

#### Developed for professionals

- Superior touch sensor for integrated mouse function
- Hands-free recording for comfortable working
- Smart, backwards compatible firmware for extra flexibility



No 1 in SPS global  
customer satisfaction  
survey 09/2017.

# Highlights

## Studio-quality microphone



The SpeechMike Premium Air comes with a studio-quality microphone and a built-in tripple layer noise reduction filter for clearest recordings and most accurate speech recognition results.

## Free-floating microphone



The free-floating microphone is decoupled from the device's housing, which guarantees that almost no background, touch, click, air or structure-borne noise is recorded.

## Integrated motion sensor



Being on the cutting edge of technology, the SpeechMike Premium Air comes with an integrated motion sensor, meaning it can be controlled by the movement of your hand. It detects when it's put on the table, mutes the microphone, and once it is being picked up again it unmutes the microphone. In addition to that, custom events can be programmed, e.g., to pause and to continue the recording.

## Patented 100% lossless voice technology



Uncompressed wireless recording enables free movement and pacing whilst working. You can easily move up to 5 meters or 16 feet away from your workstation and your recordings are safely transmitted to your computer in highest quality, without any interruptions. The cutting edge technology ensures every word is captured from the moment you press record.

## Superior docking station



The stable and innovative docking station provides wireless charging and easy pairing between your device and the docking station. Users can be flexible and work with various docking stations in different places. With an optional foot control connected, the docking station enables hands-free recording. The AirBridge Wireless Adapter (available as an accessory) is a mobile lightweight alternative to the docking station to connect the microphone to a computer.

## Long-lasting battery



The powerful built-in high-speed charging Li-ion battery ensures up to 24 hours of reliable recording time. The battery can be charged easily and wirelessly in less than three hours using the included docking station.

## Freely configurable keys



You can freely configure the buttons on your device or use the pre-installed Secured Dragon Mode. This mode pre-configures the buttons, optimizing them for use with Dragon speech recognition software. It requires no additional driver installation, making setup easy, even in virtual environments.

## Wear-free slide switch and push buttons



The SpeechMike Premium Air comes with slide-switch or push-button operation. The slide switch is ergonomically shaped with a softly ribbed surface for smooth tactile feedback and comfortable and intuitive utilization. In addition, our engineers implemented a millionfold proven contactless slider detection, making it completely wear-free for an extra-long lifetime.



# Highlights

## Hygienic surface



The hygienic surface physically hinders the colonization of germs and thus improves the efficiency of the usual measures for disinfecting. The polished, high quality pearl metal surface also makes the device non-sensitive to touch noises and fingerprints.

## Touch sensor



The device comes with a dust and dirt resistant touch sensor for superior quality. This allows the user to easily control and navigate within applications while recording, without having to switch between the mouse and microphone.

## Hands-free recording



An optional foot control can be connected directly to the docking station and used for comfortable hands-free recording control.

## Highly compatible



Customers can upgrade from their previous SpeechMike model without installing additional software. For integrators, this means no changes need to be implemented and the existing SDK can be used. The SpeechMike Premium Air is compatible with Mac and Windows operating systems, as well as virtual environments such as Citrix, VM Ware and Hyper-V. It can be configured using SpeechControl, the convenient Philips hardware management tool.

# Versions

## SMP4000



Push-button operation

## SMP4010



Slide-switch operation (record, stop, play, fast rewind)



# Specifications

## Connectivity

Wireless technology: 2.4 GHz ISM Band  
Modulation: 8-FSK  
Maximum range: up to 5 m / 16 ft (in clear view)

## Audio recording

Microphone type: electret condenser microphone  
Microphone capsule: 10 mm  
Characteristic: uni-directional  
Frequency response: 200 – 12 000 Hz  
Sensitivity: -37 dBV  
Signal-to-noise ratio: > 70 dBA

## Sound

Speaker type: built-in round, dynamic speaker  
Speaker diameter: 30 mm  
Acoustic frequency response: 300 – 7500 Hz  
Speaker output power: > 200 mW

## Power

Battery type: Li-polymer  
Rechargeable: wireless via docking station or micro USB  
Power supply: via docking station  
Battery lifetime: up to 24 hours of recording  
Standby time: > 100 hours  
Charging time (full charge): 3 h (wireless)

## Dimensions

Product dimensions (W × D × H):  
45 × 175 × 32 mm / 1.8 × 6.9 × 1.25 in  
Weight: 120 g / 4.2 oz.

## Docking station

Product dimensions (W × D × H):  
82 × 85 × 60 mm / 3.2 × 3.3 × 2.4 in  
Weight: 276 g / 9.7 oz.  
USB: for foot control  
Micro USB: data connection  
Kensington lock

## System requirements for Philips

### SpeechControl software

Processor: Intel dual core or equivalent AMD processor, 1 GHz or faster processor  
RAM: 2 GB (32 bit)/4 GB (64 bit)  
Hard-disk space: 30 MB for SpeechControl software, 4.5 GB for Microsoft .NET Framework  
Operating system: Windows 10 (64 bit), Windows 8.1/7 (32/64 bit), Windows Server 2012 (64 bit), Windows Server 2008 R2 (32/64 bit), macOS 10.13/10.12  
Graphics: DirectX-compliant graphics card with hardware acceleration recommended  
Sound: Windows-compatible sound device  
Free USB port  
Supported speech recognition software: Nuance Dragon Professional 12.5/13/14/15 Individual/Group, Nuance Dragon Legal 12.5/13/14/15, Dragon Medical Practice Edition 2/3, Nuance Dragon SDK Client Edition 14, M\*Modal Fluency Direct 8.0 and above, M\*Modal Fluency for Imaging 3 and above, Fusion Narrate powered by nVoq

### Green specifications

Compliant to 2011/65/EU (RoHS)  
Lead-free soldered product

### Operation conditions

Temperature: 5° – 45° C / 41° – 113° F  
Humidity: 10 % – 90 %

### Design and finishing

Material: high-class polymers  
Color: dark grey pearl metallic

### Package contents

SpeechMike Premium Air Wireless Dictation Microphone  
Docking Station ACC4000  
Power supply with international adapters: US, UK, Europe, Asia Pacific  
2 USB cables  
Quick start guide

### Available accessories

SpeechMike Premium Air Docking Station ACC4000  
AirBridge Wireless Adapter for SpeechOne and SpeechMike Premium Air ACC4100

